

U 014742-0

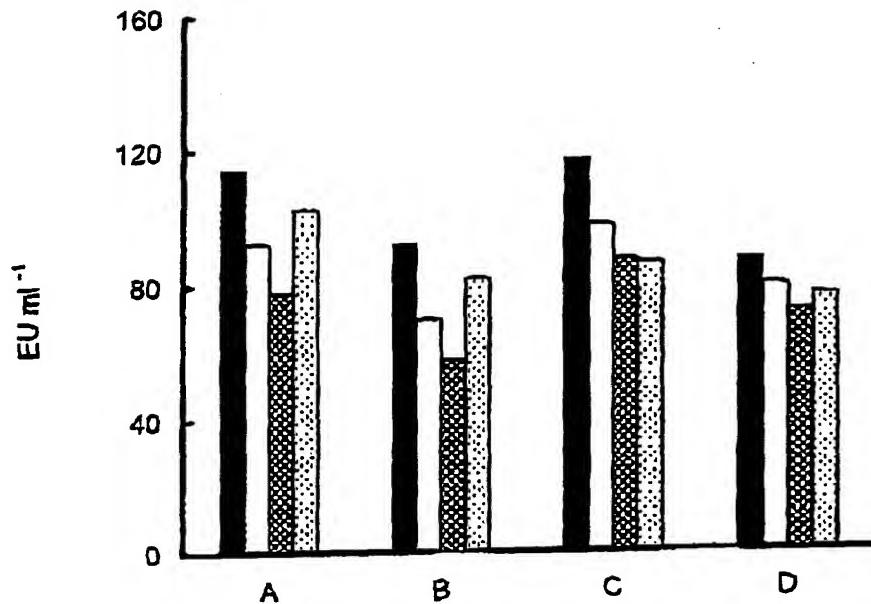


Fig. 1 Emulsification of test oils by different *Acinetobacter* strains representing four different genospecies. A: *Acinetobacter baumannii*; B: *Acinetobacter haemolyticus*; C: *Acinetobacter junii*; D: *Acinetobacter lwoffii*

■ Almond oil □ Castor oil ■ Olive oil □ Palm oil

U 014742-0

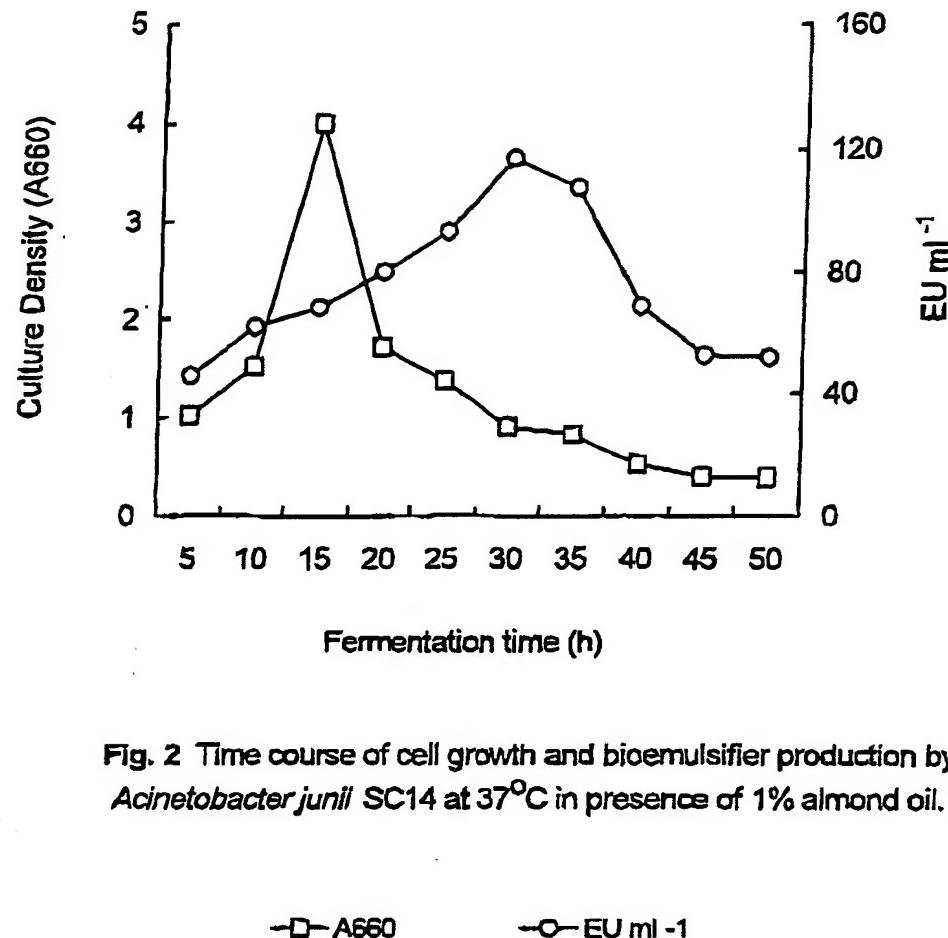


Fig. 2 Time course of cell growth and bioemulsifier production by *Acinetobacter junii* SC14 at 37°C in presence of 1% almond oil.

—□— A660 —○— EU ml⁻¹

U 014742-0

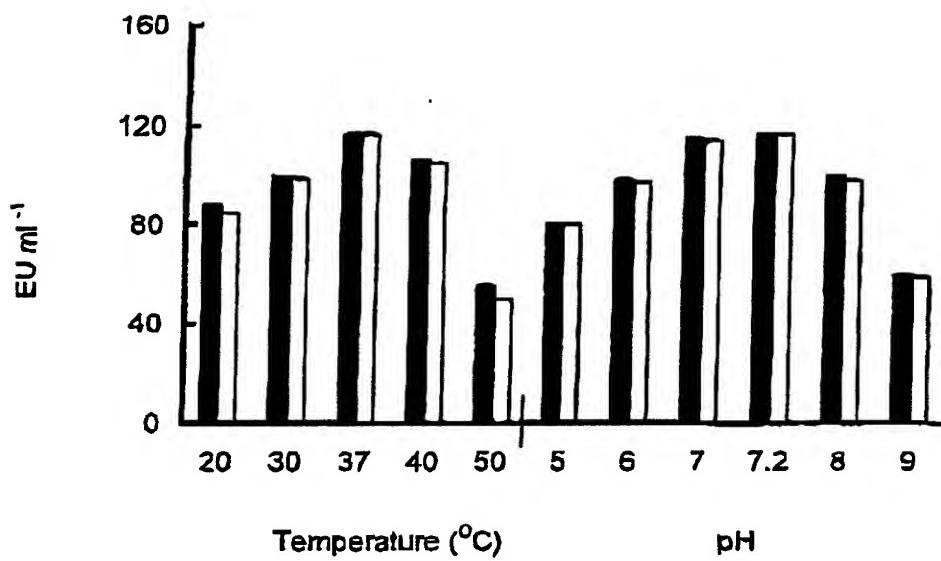


Fig. 3A Effect of temperature and pH on bioemulsifier production and activity by *Acinetobacter junii* SC14

■ Bioemulsifier Production □ Bioemulsifier Activity

U 014742-0

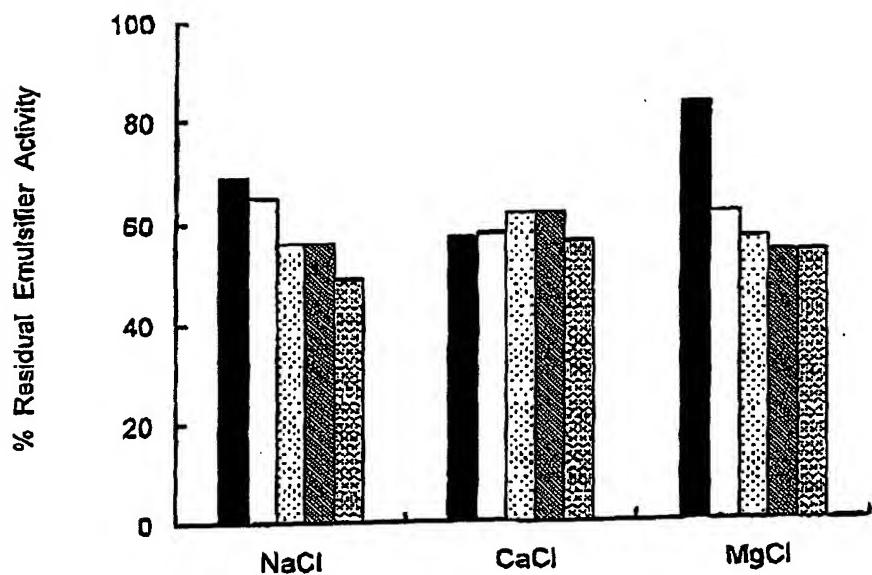


Fig. 3B Effect of salts on activity of bioemulsifier produced by *Acinetobacter junii* SC14

■ 1% □ 2% □ 4% □ 6% □ 8%

U 014742-0

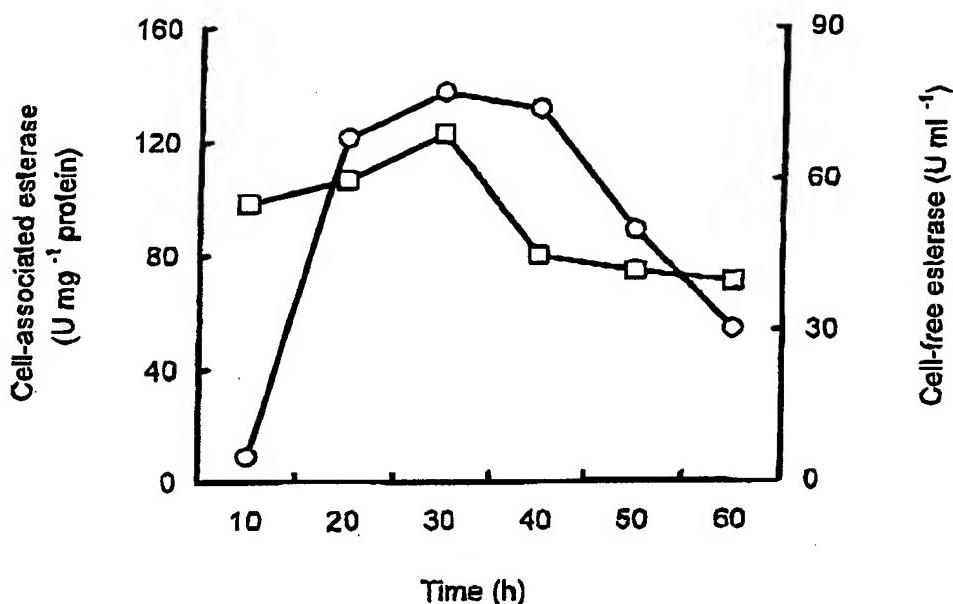


Fig. 4 Esterase production by *Acinetobacter junii* SC14

—□— Cell pellet —○— Cell-free supernatant

U 014742-0

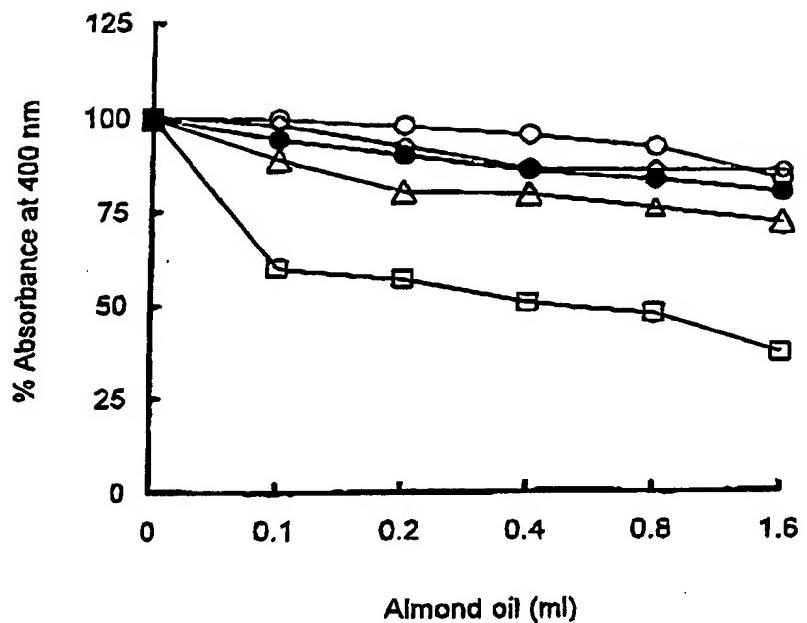


Fig. SA Cell Surface Hydrophobicity of *Acinetobacter* strains using almond oil as test substrate

—○— SC14 —■— SB1 —△— GS1LB —●— EC78 —◇— PA1223

U 014742-0

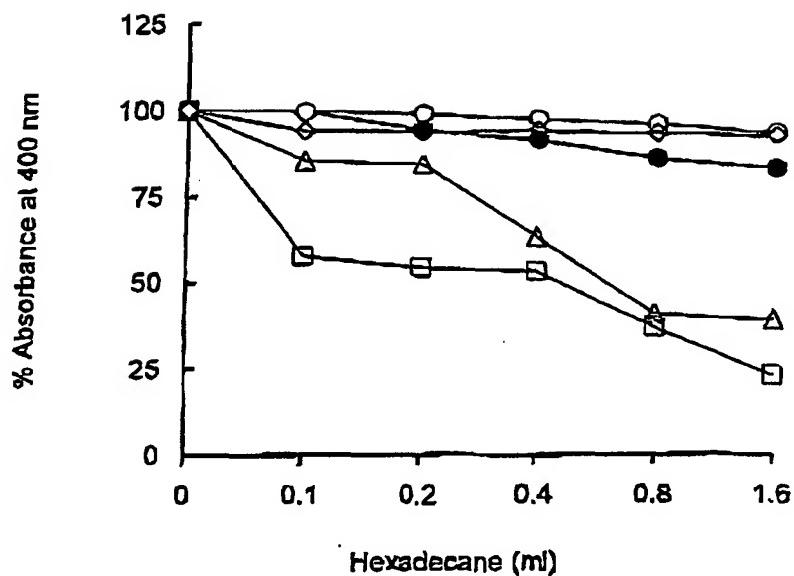


Fig. 5B Cell surface hydrophobicity of *Acinetobacter* strains using hexadecane as test substrate

● SC14 □ SB1 △ GS1LB ○ EC78 ◇ PA1223